Claims

1. A method of manufacturing a multilayered gypsum board product comprising the steps of:

5   a) combining a cementitious material with water within a mixing container so as to form an aqueous slurry,

b) discharging the slurry from said mixing container through an outlet onto a support, such that the slurry is in a turbulent state at the entrance of said outlet;

c) inserting a setting accelerator into said slurry at or close to said outlet and said

10   slurry's exit from the mixer such that the accelerator is mixed with the slurry in the slurry's turbulent state.

2. A method according to claim 1 wherein the accelerator is inserted into the slurry at the entrance to the mixer container outlet.

15

3. A method according to any one of the preceding claims wherein the accelerator comprises a water soluble salt which forms a sulphate when employed as an accelerator.

20   4. A method according to claim 1 or claim 2 wherein the accelerator is in the form of a powder.

5. A method according to claim 1 or claim 2 wherein the accelerator is in the form of an aqueous solution or formed from a mix of an aqueous solution.

25

6. A method according to claim 1 or claim 2 wherein the accelerator is in the form of a paste.

7. A method according to claim 1 or claim 2 wherein the accelerator is in the

30   form of a slurry.

8. A method according to claim 1 or claim 2 wherein the accelerator is in the form of a suspension.

9. A method according to any one of the preceding claims wherein the cementitious material is gypsum plaster or stucco.

10. A method according to any one of the preceding claims wherein the support is a paper or cardboard sheet.

11. A method according to any one of the preceding claims wherein the outlet is a conduit.

12. A method according to any one of the preceding claims wherein the accelerator is in the form of finely wet ground gypsum.

13. A method according to claim 11 wherein a second paper or cardboard sheet is applied over the slurry located on said first support.